



PCT

## RAW SEQUENCE LISTING

DATE: 11/06/2003

PATENT APPLICATION: US/10/089,473A

TIME: 12:15:54

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\11062003\J089473A.raw

3 <110> APPLICANT: CHUNG, Kwang-Hoe  
 4 KIM, Doo-Sik  
 5 KOH, You-Seok  
 6 SOHN, Young-Dong  
 7 YOU, Weon-Kyoo  
 8 JANG, Yang-Soo  
 9 HUH, Chin-Kyu  
 11 <120> TITLE OF INVENTION: NOVEL PROTEIN DERIVED FROM AGKISTRODON SAXATILIS EMELIANOV  
 AND PROCESS  
 12 FOR PREPARING THE SAME  
 14 <130> FILE REFERENCE: 0136/0K432US0  
 16 <140> CURRENT APPLICATION NUMBER: US 10/089,473A  
 C--> 17 <141> CURRENT FILING DATE: 2003-10-15  
 19 <160> NUMBER OF SEQ ID NOS: 10  
 21 <170> SOFTWARE: PatentIn version 3.1  
 23 <210> SEQ ID NO: 1  
 24 <211> LENGTH: 73  
 25 <212> TYPE: PRT  
 26 <213> ORGANISM: Agkistrodon saxatilis emelianov  
 28 <400> SEQUENCE: 1  
 30 Glu Ala Gly Glu Glu Cys Asp Cys Gly Ala Pro Ala Asn Pro Cys Cys  
 31 1 5 10 15  
 34 Asp Ala Ala Thr Cys Lys Leu Arg Pro Gly Ala Gln Cys Ala Glu Gly  
 35 20 25 30  
 38 Leu Cys Cys Asp Gln Cys Arg Phe Met Lys Glu Gly Thr Ile Cys Arg  
 39 35 40 45  
 42 Met Ala Arg Gly Asp Asp Met Asp Asp Tyr Cys Asn Gly Ile Ser Ala  
 43 50 55 60  
 46 Gly Cys Pro Arg Asn Pro Phe His Ala  
 47 65 70  
 50 <210> SEQ ID NO: 2  
 51 <211> LENGTH: 213  
 52 <212> TYPE: DNA  
 53 <213> ORGANISM: Agkistrodon saxatilis emelianov  
 55 <400> SEQUENCE: 2  
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 58 ctgagaccag gggcgagtg tgcagaagga ctgtgttg accagtgcag atttatgaaa 120  
 60 gaaggaacaa tatgccgat ggcaaggggt gatgacatgg atgattactg caatggcata 180  
 62 tctgtgtggt gtcccagaaa tcccttccat gcc 213  
 65 <210> SEQ ID NO: 3  
 66 <211> LENGTH: 20  
 67 <212> TYPE: DNA  
 68 <213> ORGANISM: Artificial Sequence  
 70 <220> FEATURE:

ENTERED

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71 <223> OTHER INFORMATION: primer
73 <220> FEATURE:
74 <221> NAME/KEY: misc_feature
75 <222> LOCATION: (1)..(20)
76 <223> OTHER INFORMATION: where n may be a or g or c or t/u, other, or unknown
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83 <210> SEQ ID NO: 4
84 <211> LENGTH: 20
85 <212> TYPE: DNA
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: primer
91 <400> SEQUENCE: 4
92 ggcataagaagg gatttctgg 20
95 <210> SEQ ID NO: 5
96 <211> LENGTH: 33
97 <212> TYPE: DNA
98 <213> ORGANISM: Artificial Sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: primer
103 <400> SEQUENCE: 5
104 ccgctcgaga aaagagaggc cggagaagaa tgt 33
107 <210> SEQ ID NO: 6
108 <211> LENGTH: 27
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
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130 1 5
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134 <211> LENGTH: 6
135 <212> TYPE: PRT
136 <213> ORGANISM: Artificial Sequence
138 <220> FEATURE:
139 <223> OTHER INFORMATION: oligopeptide
141 <400> SEQUENCE: 8
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144 1 5

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147 <210> SEQ ID NO: 9
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149 <212> TYPE: PRT
150 <213> ORGANISM: Agkistrodon saxatilis emelianov
152 <400> SEQUENCE: 9
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155 1          5          10
158 <210> SEQ ID NO: 10
159 <211> LENGTH: 73
160 <212> TYPE: PRT
161 <213> ORGANISM: Agkistrodon halys brevicaudus
163 <400> SEQUENCE: 10
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166 1          5          10          15
169 Asp Ala Ala Thr Cys Lys Leu Arg Gln Gly Ala Gln Cys Ala Glu Gly
170          20          25          30
173 Leu Cys Cys Asp Gln Cys Arg Phe Met Lys Glu Gly Thr Ile Cys Arg
174          35          40          45
177 Arg Ala Arg Gly Asp Asp Leu Asp Asp Tyr Cys Asn Gly Ile Ser Ala
178          50          55          60
181 Gly Cys Pro Arg Asn Pro Phe His Ala
182 65          70

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RAW SEQUENCE LISTING ERROR SUMMARY  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 3